IN THE CLAIMS

1-30. (canceled)

31. (new) An electrical switch apparatus responsive to human proximity and adapted to control a controlled device, comprising:

a touch pad;

an integrated circuit coupled to said touch pad, wherein said integrated circuit comprises a startup and bias section, a pulse generator and logic section, a decision section, and a self holding latch section; and

a control line coupled to said integrated circuit, said control line further coupled to said controlled device.

32. (new) The apparatus of claim 31 further comprising at least a first active element coupled to said touch pad, said pulse generator and logic section, and said decision section.

33. (new) The apparatus of claim 32 wherein said touch pad comprises at least a first electrode, said first active element coupled to said first electrode, said pulse generator and logic section, and said decision section.

34. (new) The apparatus of claim 33 further comprising a second active element, said second active element coupled to said second electrode said pulse generator and logic section, and said decision section.

35. (new) The apparatus of claim 34 wherein said touch pad further comprises a second electrode, said second active element coupled to said second electrode, said pulse generator and logic section, and said decision section.

36. (new) The apparatus of claim 31 wherein said control line is coupled to said decision section.

37. (new) The apparatus of claim 31 wherein said control line is coupled to said self holding latch section.

38. (new) An electrical switch apparatus responsive to human proximity and adapted to control a controlled device, comprising:

a first electrode;

a second electrode;

an integrated circuit coupled to said first electrode and said second electrode, wherein said integrated circuit comprises a startup and bias section, a pulse generator and logic section, a decision section, and a self holding latch section; and

a control line coupled to said integrated circuit, said control line further coupled to said controlled device.

39. (new) The apparatus of claim 38 further comprising a first active element, said first active element coupled to said first electrode, said pulse generator and logic section, and said decision section.

40. (new) The apparatus of claim 39 further comprising a second active element, said second active element coupled to said second electrode, said pulse generator and logic section, said decision section.

41. (new) The apparatus of claim 38 wherein said control line is coupled to said decision section.

42. (new) The apparatus of claim 38 wherein said control line is coupled to said self holding latch section.